



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Tot
PO039606	ACI001-VC	4	1	Net 30	MT-1144-H0.625	AISI 1144 Stressproof Steel Hex Bar 0.625"				6	4/30/2018	6	S066317	Stock	4/28/2018	\$ 18.33 / ft	0		\$85.	
										Total:	6	6								

Plex 4/28/2018 7:34 AM Dart.Dubois.Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039606

E-MAILED
APR 13 2018

Supplier:	ACI001-VC Acier Ouellette Inc. 935 Boul. Du Havre Valleyfield QC J6S 5L1 Canada Phone: 800 667 4248 Fax: 450 377 5696	PO No:	PO039606
		PO Date:	4/13/18
		Due Date:	4/20/18
		Purchase Order Revision:	
		Revision Date:	
		Ship-To Contact:	Lavoie, Chantal Phone: clavoie@dartaero.com
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	Via:	Ground
		Pymt Terms:	Net 30
		Freight Terms:	
		Special Comments:	quote no. 0097800

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M6061T6B2.000X3.000		6061T6 Bar 2.000 X 3.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	4/20/18	12 ft	0 ft	12 ft	\$18.765833/ft	\$225.19
2	M6061T6R1.125		6061 Round Bar 1.125 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	4/20/18	12 ft	0 ft	12 ft	\$3.87/ft	\$46.44
3	M6061T6R0.625		6061-T6 Round Bar .625" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	4/20/18	60 ft	0 ft	60 ft	\$0.9961666/ft	\$59.77

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	MT-1144-H0.625		AISI 1144 Stressproof Steel Hex Bar 0.625"	Firmed	4/20/18	6 ft	6 ft	\$18.33333/ft	\$110.00	DAS 11 9-89
5	M304B0.250X4.000		304 Bar .250 X 4.00 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	4/20/18	24 ft	0 ft	24 ft	\$10.0625/ft	\$241.50 DAS 11 9-89
										Grand Total: \$682.90

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/13/18 2:42 PM dart.lavoie.chantal

ATT! JACIN

CERTIFICATE OF TEST

FAX: 450 377-5696

CUSTOMER ORDER NUMBER

Page 01 of 02

Certification Date
23-APR-2018

Invoice Number
T130859

CUSTOMER PART NUMBER

502595

SOLD TO:

Description: STRESSPROOF CF BAR ASTM A311 CL B
5/8 HX X 12' R/L
HEAT: 20494190
ITEM: 502595

Line Total: 41 LB

Specifications:
ASTM A108 13

ASTM A311 CL B 10

ASTM A29 15

CHEMICAL ANALYSIS

C	MN	P	S	SI	NI	CR	MO
0.41	1.38	0.011	0.273	0.19	0.05	0.07	0.02
CU	AL	V	N	SE	B	NB	
0.13	0.001	0.002	0.007	0.008	0.0001	0.001	
C	MN	P	S	SI	NI	CR	MO
0.41	1.38	0.011	0.273	0.19	0.05	0.07	0.02
CU	AL	V	N	SE	B	NB	
0.13	0.001	0.002	0.007	0.008	0.0001	0.001	

RCPT: R335741

COUNTRY OF ORIGIN : USA

MECHANICAL PROPERTIES

DESCRIPTION	YLD STR PSI	ULT TEN PSI	%ELONG IN 02 IN	%RED IN AREA	HARDNESS RC
	100402.0	123379.0	12.4	36.0	24

GRAIN SIZE : 3 -

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination.

Material did not come in contact with mercury while in our possession.
TERRY GALBRATH

We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes.

MANAGER, CORPORATE PURCHASING

CERTIFICATE OF TEST

Page 02 of 02

Certification Date
23-APR-2018

CUSTOMER ORDER NUMBER

Invoice Number
T130859

CUSTOMER PART NUMBER

502595

SOLD TO:

Description: STRESSPROOF® CF BAR ASTM A311 CL B
5/8 HX X 12' R/L Line Total: 41 LB
HEAT: 20494190 ITEM: 502595

STRAND CAST REDUCTION RATIO 145.2 TO 1
MATERIAL IS FREE FROM MERCURY CONTAMINATION
NO WELD REPAIR PERFORMED ON MATERIAL

The above data were transcribed from the manufacturer's Certificate of Test after verification
for completeness and specification requirements of the information on the certificate. All test
results remain on file subject to examination.

We hereby certify that the material covered by this report will meet the applicable requirements
described herein, including any specification forming a part of the description.

The willful recording of false, fictitious, or fraudulent statements in connection with test results
may be punishable as a felony under federal statutes.

Material did not come in contact with mercury while in
our possession. TERRY GALBRAITH



MANAGER, CORPORATE PURCHASING

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-1144-HO-625
 DATE: APR 28 2018

PO / BATCH NO.: 039606/50166317

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 6
 QUANTITY INSPECTED: 6
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.625
 THICKNESS RECEIVED: 0.625
 SHEET SIZE ORDERED: V/A
 SHEET SIZE RECEIVED: V/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>Astm A311</i>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>Heat# 20494180</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____
DATE: <u>9-89 APR 28 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 1144 STRESSPROOF STEEL HEX BAR
 SPECIFICATION: ASTM A311 or UNS G11440
 PART NUMBER: MT-1144-H [D.DDD]
 WHERE "D.DDD" = DIAMETER IN INCHES
 EG. 5/8" HEX BAR = MT-1144-H0.625

REV.	A	DESCRIPTION	ECN #	DATE	BY	APPROVED
			18-507	18.1.17	VM	ML

DART
AEROSPACE
Waterloo, Ontario, Canada

AISI 1144 STRESSPROOF STEEL HEX BAR

PART NO.	MT-1144-H	REV	A
TOOL NO.	-		

UNLESS OTHERWISE SPECIFIED:
 - DIMENSIONS ARE IN INCHES
 - INTERIM DRAWINGS ARE IN INCHES
 - DIMENSIONS APPLY AFTER PULLING

INITIALS AND DATE	DEIGNED BY:	VM 18/01/17	TOLERANCES:
	DRAWN BY:	VM 01/17/2018	XX ± .006
	CHECKED BY:	VM 01/17/2018	X ± .17
	INFO REVIEWED BY:	DP 01/17/2018	X ± .17
	APPROVED BY:	ML 01/17/2018	ROUGHNESS

Signature

SHEET 1 OF 1

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